DNH-300F(E)

Heat-resistant 300℃ top coat (silicone alkyd)

This paint is made by mixing silicone alkyd resin and pigments with excellent heat resistance and anti-corrosive properties. It is a heat-resistant top coat designed to withstand metal surface temperatures of up to 300℃. It has good adhesion and excellent bending resistance and impact resistance. It is widely used for new and repair painting in boilers and other structures that require heat resistance.

Usage	Boiler, engine, stovepipe, radiator (heavy duty coating)

Specification

Paint type	Silicone alkyd		
Drying time	Category	5℃	20℃	30℃
	Set-to-touch	1 hour	30 minutes	20 minutes
	Dry-hard	8 hours	4 hours	3 hours
	Over-coat (Min.)	20 hours	10 hours	7 hours

Thinner	DR-306	Dilution ratio	▷Brush, roller coating: less than 5% ▷Air spray coating: less than 5%
Specific gravity	Approx.1.0(Based on white color)		
Theoretical Coverage	12.8㎡/ℓ (1time - 25㎛)	Solid volume ratio	Approx.32±1%
Color	Silver, other colors	Thickness of dried film	25㎛
Gloss	Silver - Metallic Gloss	Flash point	Approx. 27℃
	Other colors - Matte	Shelf life	12 months (Dry, cool, and dark place with good ventilation)

How to Use

Surface treatment	1. Completely remove oil, moisture, sand, dust, and other foreign matter from the surface to be coated. 2. Sufficiently dry the surface to be coated. 3. After primer coating, clean up the welded areas (blackened and rusted areas) with a disc sander. Then, touch up with this paint and continue coating.
Coating Method	1. Coating can be done by either brush, roller, air spray coating. - Store the coating equipment after cleaning with an exclusive thinner immediately after use.
Preceding & Follow-up Coating	1. Preceding coating : DNH-300P(E) HEAT-RESISTANT 300℃ primer (Silicone alkyd)
Remarks	1. If the dry film thickness is too thick, the coating may be peeled. So, please be careful of coating management. 2. Do not use the silicone acrylic type as a heat-resistant top coat. The silicone acrylic type results in wrinkles or peeling of the coating. 3. Due to the nature of the paint, it cannot be completely dried at room temperature, and a fully cured coating can be formed only under a temperature of 200℃ for at least one hour.